

13-Sep-04

REPORT OF NAVIGATION CHANNELS

ER 1130-2-306

COLUMBIA RIVER - OREGON & WASHINGTON
MULTNOMAH FALLS UPPER RANGE THROUGH
ENTRANCE TO BONNEVILLE LOCKS

Minimum depths channel
entering from seaward

Authorized Project NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Left Outside Quarter Feet	Mid-Channel for half project width Feet	Right Outside Quarter Feet
PRESENTLY MAINTAINED AT 17 FEET							
<i>Tomahawk Island Bar through Entrance to Bonneville maintained to 17'</i>							
MULTNOMAH FALLS UP RGE.	03-Nov-03						
Multnomah Falls Turn (136.4 - 137.0)		300	0.6	27	17	20	21
Multnomah Falls Up. Rge (137.0 - 140.2)		300	3.2	27	18	21	24
WARRENDALE CHANNEL	04-Nov-03						
McGowans Channel (140.2 - 141.3)		300	1.1	27	39	34	25
Warrendale Lwr. Rge. (141.3 - 142.2)		300	0.9	27	20	22	23
Warrendale Up. Rge. (142.3 - 143.0)		300	0.8	27	21	28	22
Hamilton Island Reach (143.0 - 144.0)		300	0.9	27	21	30	27
BONNEVILLE DAM	Mar-00						
Ent. To Bonneville Lks (144.0 - 144.6)		300	0.6	27	24	32	22
Ent. To Bonneville Lks (144.6 - 145.2)		300	0.6	27	22	22	24

ENG Form 4021-R (Nov 1990)
Reference is Navigation Chart No. 18531.
Note: All Depths at Columbia River Datum.